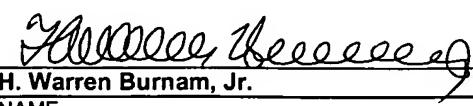


FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 3670-68
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 10/584,907
INTERNATIONAL APPLICATION NO. PCT/SE2004/002011	INTERNATIONAL FILING DATE 27 December 2004	PRIORITY DATE CLAIMED 30 December 2003
TITLE OF INVENTION ANTENNA DEVICE AND ARRAY ANTENNA		
APPLICANT(S) FOR DO/EO/US SVENSSON ET AL.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <input checked="" type="checkbox"/> WO 2005/064748 is attached hereto (25 pages specification, claims & abstract (23 claims), 13 sheets drawings). <input checked="" type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> is attached hereto (pages specification, claims & abstract (claims), sheets drawings, page Certificate of Translation). <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <ol style="list-style-type: none"> <input checked="" type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and first page of printed publication acknowledging receipt thereof attached). <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 To 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. a. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. <input type="checkbox"/> An Application Data Sheet under 37 C.F.R. § 1.76. <input type="checkbox"/> A substitute specification. <input type="checkbox"/> A change of power of attorney and/or address letter. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <input checked="" type="checkbox"/> Other items or information. Intern'l Search Report; Intern'l Preliminary Report on Patentability with amended claims; POA from Assignee 		

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.6) 10/584907	INTERNATIONAL APPLICATION NO. PCT/SE2004/002011	ATTORNEY'S DOCKET NUMBER 3670-68																				
<input checked="" type="checkbox"/> The following fees are submitted:																						
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):																						
21. <input checked="" type="checkbox"/> Basic national fee \$300.00 (1631)/\$150.00 (2631) \$ 300.00 22. <input checked="" type="checkbox"/> Examination Fee \$0 (1643/2643) \$ 000.00 \$200.00 (1633)/\$100.00 (2633) \$ 200.00 23. <input checked="" type="checkbox"/> Search Fee \$0 (1640/2640) \$ 000.00 \$100 (1641)/\$50 (2641) \$ 100.00 \$400 (1642)/\$200 (2642) \$ 400.00 \$500.00 (1632)/\$250.00 (2632) \$ 500.00																						
TOTAL OF ABOVE CALCULATIONS \$ 900.00																						
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																						
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)																				
38 -100	0	/50 = 0.00																				
RATE																						
\$0.00 (1681) \$ 000.00																						
\$0.00 (2681) \$ 000.00																						
Surcharge of \$130.00 (1617)/\$65.00 (2617) for furnishing the oath or declaration later than <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).																						
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th># EXTRA</th> <th colspan="2">RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>23</td> <td>minus 20 = 3 X</td> <td>\$50.00 (1615)/</td> <td>\$25.00 (2615) \$ 150.00</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>minus 3 = 0 X</td> <td>\$200.00 (1614)</td> <td>\$100.00 (2614) \$ 000.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</td> <td colspan="2">\$360.00 (1616)/\$180.00 (2616) \$ 000.00</td> </tr> </tbody> </table>			CLAIMS	NUMBER FILED	# EXTRA	RATE		Total Claims	23	minus 20 = 3 X	\$50.00 (1615)/	\$25.00 (2615) \$ 150.00	Independent Claims	1	minus 3 = 0 X	\$200.00 (1614)	\$100.00 (2614) \$ 000.00	MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			\$360.00 (1616)/\$180.00 (2616) \$ 000.00	
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MULTIPLE DEPENDENT CLAIMS(S) (if applicable)			\$360.00 (1616)/\$180.00 (2616) \$ 000.00																			
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s): One Month Extension \$120.00 (1251)/\$60.00 (2251); Two Month Extensions \$450.00 (1252)/\$225.00 (2252); Three Month Extensions \$1020.00 (1253)/\$510.00 (2253); Four Month Extensions \$1590.00 (1254)/\$795.00 (2254) \$ 000.00																						
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.																						
Processing fee of \$130.00 (1618), for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). + 0.00																						
TOTAL NATIONAL FEE = \$ 1050.00																						
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 (8021) per property + \$ 0.00																						
Fee for Petition to Revive Unintentionally Abandoned Application; \$1500.00 (1453) / \$750.00 (2453) \$ 0.00																						
TOTAL FEES ENCLOSED = \$ 1050.00																						
<input type="checkbox"/> Amount to be refunded: \$ 000.00																						
<input type="checkbox"/> Amount to be Charged: \$ 000.00																						
a. <input type="checkbox"/> A check in the amount of \$1050.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$ _____ to cover the above fees. A duplicate copy of this form is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A <u>duplicate copy</u> of this form is enclosed. d. <input checked="" type="checkbox"/> CREDIT CARD PAYMENT FORM ATTACHED. e. <input checked="" type="checkbox"/> The entire content of International Application No. PCT/SE2004/002011 and any U.S. and foreign application(s) corresponding thereto, and PCT/SE2003/002102, referred to in this application is/are hereby incorporated by reference in this application. NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b) must be filed and granted to restore the application to pending status.																						
CORRESPONDENCE ADDRESS Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 23117 Type Customer Number here																						
Telephone: (703) 816-4000 HWB:jsm																						
 H. Warren Burnam, Jr. NAME																						
29,366 June 29, 2006 REGISTRATION NUMBER Date																						